

INTERNATIONAL SEARCH REPORT

International Application No

PCT/GB2004/002809

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 F26B17/20 F26B23/02 F26B3/22 F26B1/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 F26B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2 636 284 A (NAPIER MELVIN J) 28 April 1953 (1953-04-28) column 3, line 40 - line 50 column 10, line 8 - line 28 column 10, line 65 - column 11, line 13; figures -----	15-17
A	US 5 806 205 A (VARVAT PHILIPPE) 15 September 1998 (1998-09-15) the whole document -----	1
X	GB 292 542 A (ORANIENBURGER EISWERKE JOHANN; HANS VON FEHRENTHEIL UND GRUPP) 4 July 1929 (1929-07-04) the whole document -----	15,16,24
Y	----- - / --	1,7,10
		15,16,23
		1,6,18



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

* Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- "&" document member of the same patent family

Date of the actual completion of the international search

11 November 2004

Date of mailing of the international search report

13 MEI 2005

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 3 341 186 A (HOFFMAN DONALD M) 12 September 1967 (1967-09-12) column 3, line 68 - line 72; figures -----	1,6,18
A	DATABASE WPI Week 200231 Derwent Publications Ltd., London, GB; AN 2002-265312 XP002305038 -& BE 1 013 570 A (BIOCALOR) 2 April 2002 (2002-04-02) abstract -----	11-14
A	GB 150 368 A (LUCIEN LINDEN) 9 September 1920 (1920-09-09) the whole document -----	1,10
A	US 5 263 267 A (BUTTNER THOMAS E ET AL) 23 November 1993 (1993-11-23) column 35, line 8 - line 10; figures 4-10 -----	1,7,15, 16,24
A	US 3 678 596 A (KUBO KAZUNORI) 25 July 1972 (1972-07-25) the whole document -----	1,15,16
A	GB 192 165 A (ADOLF FRANZ HEUSCHKEL; MORTIMER LEE WARE; JAMES SEATON; ALFRED DANGERF) 29 January 1923 (1923-01-29) the whole document -----	1,15
A	DE 27 52 363 A (METALLGESELLSCHAFT AG) 7 June 1979 (1979-06-07) the whole document -----	1,10,15
A	US 4 003 717 A (CASS BOYD E ET AL) 18 January 1977 (1977-01-18) the whole document -----	10
A	US 5 246 599 A (AICHER MAX) 21 September 1993 (1993-09-21) the whole document -----	11
A	DE 67 936 C (SCHULZE) 13 April 1893 (1893-04-13) -----	
A	US 3 118 744 A (WALTER OETKE ET AL) 21 January 1964 (1964-01-21) -----	
A	FR 2 810 312 A (SENNEAEL ETIENNE) 21 December 2001 (2001-12-21) -----	

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Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:

2. Claims Nos.: because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:

3. Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box III Observations where unity of Invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1. As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.

2. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.

3. As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:

4. No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

See sheet B

Remark on Protest

- The additional search fees were accompanied by the applicant's protest.
- No protest accompanied the payment of additional search fees.

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FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-25

Vessel for drying organic waste having elongate channels of particular dimension

2. claims: 26,31-48

Apparatus and method for drying organic waste to form organic paste, having means for adding the organic paste to organic powder to form a mixture

3. claims: 27-30,49-64

Apparatus and method for drying organic waste to form organic powder, having a conversion unit for converting a portion of the organic powder to generate heat for heating a second quantity of organic waste

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Patent document cited in search report		Publication date		Patent family member(s)		Publication date
US 2636284	A	28-04-1953	NONE			
US 5806205	A	15-09-1998	CA AT AU AU BG BG WO CN CZ DE EP FI HU JP JP NO PL RO RU	2108597 A1 165150 T 699555 B2 7851494 A 62666 B1 100505 A 9511416 A1 1133085 A ,C 9601105 A3 69409659 D1 0723645 A1 961663 A 76311 A2 9505661 T 3529783 B2 961499 A 314004 A1 117646 B1 2142104 C1	19-04-1995 15-05-1998 10-12-1998 08-05-1995 28-04-2000 31-03-1997 27-04-1995 09-10-1996 16-10-1996 20-05-1998 31-07-1996 09-05-1996 28-08-1997 03-06-1997 24-05-2004 17-06-1996 05-08-1996 30-05-2002 27-11-1999	
GB 292542	A	04-07-1929	NONE			
US 3341186	A	12-09-1967	AT DE GB	285404 B 1584435 A1 1138210 A	27-10-1970 09-09-1971 27-12-1968	
BE 1013570	A	02-04-2002	BE NL	1013570 A4 1018374 C2	02-04-2002 02-01-2002	
GB 150368	A	09-09-1920	NONE			
US 5263267	A	23-11-1993	NONE			
US 3678596	A	25-07-1972	DE	2058291 A1	03-06-1971	
GB 192165	A	29-01-1923	NONE			
DE 2752363	A	07-06-1979	DE	2752363 A1	07-06-1979	
US 4003717	A	18-01-1977	CA DE DE ES ES FR GB JP	1070108 A1 2628916 A1 7620411 U1 448612 A1 453114 A1 2315313 A1 1541064 A 52024162 A	22-01-1980 13-01-1977 05-10-1978 01-07-1977 16-11-1977 21-01-1977 21-02-1979 23-02-1977	
US 5246599	A	21-09-1993	EP AT DE DK ES HU PL RU	0474890 A1 101587 T 59004634 D1 474890 T3 2050900 T3 69488 A2 291545 A1 2040490 C1	18-03-1992 15-03-1994 24-03-1994 11-07-1994 01-06-1994 28-09-1995 26-06-1992 25-07-1995	

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International Application No

PCT/GB2004/002809

Patent document cited in search report	Publication date	Patent family member(s)		Publication date
DE 67936	C	13-04-1893	NONE	
US 3118744	A	21-01-1964	DE FR GB NL NL	1111154 B 1286995 A 918158 A 136124 C 262464 A-
FR 2810312	A	21-12-2001	FR	2810312 A1
				21-12-2001

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